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CLAIMS

What is claimed is:

- 1 (1) A computer system, comprising:
 - 2 a processor for executing an arithmetic operation; and
 - 3 a display unit for displaying the result of said arithmetic operation executed
 - 4 by said processor;
- 5 wherein said processor executes the following processings for:
 - 6 detecting the display brightness in a certain window displayed on the screen
 - 7 of said display unit; and
 - 8 controlling said display unit so as to change the screen brightness of said
 - 9 display unit according to said detected display brightness in said window;
 - 10 and
 - 11 said display unit changes said screen brightness under the control of said
 - 12 processor.

1 **(2)** The computer system according to Claim 1,
2 wherein said processor is controlled by an operating system having a power
3 management function and controls said display unit with use of said power
4 management function of said operating system so as to change said screen
5 brightness of said display unit.

1 **(3)** A liquid crystal display unit, comprising:

2 a liquid crystal display screen for displaying an image;

3

4 a back-light for lighting said liquid crystal display screen; and

5 a brightness controller for controlling the brightness of said back-light;

6 wherein said brightness controller executes processings for:

7 receiving a brightness control signal generated according to the display

8 brightness in a specific area calculated from a draw signal in an image in

9 said specific area, said image being selected from a plurality of images to be

10 displayed in said liquid crystal display screen; and

11 changing the brightness of said back-light according to said brightness

12 control signal.